

What is an exceedance ?

An exceedance is when the monitoring level(s) are above Federal Drinking Water Quality Standards for that contaminate. When a water system has an exceedance the system will issue a public notice (PN) explaining what the health risks are and how to reduce these risks.

(See page 3 of this PDF to view PN)

Following is list of Corrective Action statuses to help explain what ADEQ and/or water system are doing to resolve the issue.

Corrective Action Status	Description
ADEQ Providing Compliance/Technical Assistance	ADEQ is assisting facility with the legal and/or technical requirements in order to be in compliance with state and federal regulations.
ADEQ/Facility Collecting Additional Samples	ADEQ or Facility are collecting additional samples to determine if the exceedance is a recurring event or a single event.
Facility Notified of Potential Deficiencies	ADEQ has informed facility that they have an exceedance of a permit limit or surface water standard (i.e. myDEQ Report and/or Phone call/email)
Facility Notified of Alleged Violations	Facility has received a Notice of Violation or Notice of Opportunity to Correct Deficiencies from ADEQ or delegated authority for exceeding a permit limit or surface water standard.
ADEQ/Facility Agree Upon Path Forward	ADEQ and Facility have entered into a formal agreement which puts them on a path to return to compliance (i.e. Consent Order or Consent Judgment)
Facility Improvement in Process	A structural, treatment, and/or operational improvement is currently being implemented at facility.
Compliance/Technical Assistance Was Unsuccessful	Elevating the issue to ADEQ Leadership and the Water System, to seek additional Compliance/Technical Assistance with the goal help the water system return-to-compliance with state and federal regulations.



Drinking Water | Federal Water Standards Exceedance Report

Data Pull Date: 12/12/2018

Facility: City of Apache Junction

County	PWS #	Name	Contaminant	Source	Status
PINAL	AZ0411039	City of Apache Junction	TTHM	Exceeds Rule Limit	ADEQ/Facility Collecting Additional Samples

IMPORTANT INFORMATION ABOUT APACHE JUNCTION WATER DISTRICT'S DRINKING WATER

Total Trihalomethanes (TTHM) MCL Violation at Public Water System AZ 11-039

Apache Junction Water District's (AJWD) water system recently violated a drinking water standard. Although this incident was not an emergency, as our customers, you have the right to know what happened and what we are doing to correct this situation.

AJWD routinely monitors for the presence of drinking water contaminants. We monitor for one group of contaminants, Total Trihalomethanes (TTHMs), at four (4) monitoring stations spread across the District. Testing results from October 12, 2018 show that our system exceeds the standard, or maximum contaminant level (MCL), for TTHM. The standard for TTHM is 0.080 parts per million (mg/L). It is determined by averaging all the samples collected at each sampling location for the past 12 months. The level of TTHM averaged at one of our system's locations for January 2018 through October 2018 was 0.086 mg/L.

What should I do?

- There is nothing you need to do. You do not need to boil your water or take other corrective actions. If your water ever became unsafe to drink, you would be notified within 24 hours.
- If you have a severely compromised immune system, have an infant, are pregnant, or are elderly, you may be at increased risk and should seek advice from your health care providers about drinking this water.

What does this mean?

This is not an emergency. If it had been an emergency, you would have been notified within 24 hours. TTHMs are four volatile organic compounds which form when disinfectants react with natural organic matter in the water. People who drink water containing TTHMs in excess of the MCL over many years may experience problems with their liver, kidneys, or central nervous system, and may have increased risk of getting cancer.

What is being done?

AJWD is in the process of adding pre-treatment and aeration systems to help lower TTHM levels. The pre-treatment system was ordered in September 2018. These modifications to the Superstition Area Water Plant and water storage facilities are anticipated to be in place by the spring of 2019. In addition, operational changes at water reservoirs, such as blending TTHM-free water into the system, implementing chemical adjustments and flushing the system at strategic locations will continue. The District will increase monitoring to monitor progress, and anticipates completing modifications prior to next year's summer months, when warm temperatures contribute to elevated TTHM levels. Compliance sample results will be due again to ADEQ in January 2019. The District expects averages to drop to desired levels during the cooler winter months and that upcoming sample results will confirm the effectiveness of system modifications.

For more information, please contact Frank Blanco at (480) 982-6030.

Please share this information with all the other people who drink this water, especially those who may not have received this notice directly (for example, people in apartments, nursing homes, schools, and businesses). You can do this by posting this notice in a public place or distributing copies by hand or mail.

This notice is being sent to you by Apache Junction Water District – State Water System ID# 11-039
Date distributed: October 25, 2018

IMPORTANT INFORMATION ABOUT YOUR DRINKING WATER

Total Trihalomethanes MCL Violation at Town of Wellton

Our water system recently violated a drinking water standard. Although this incident was not an emergency, as our customers, you have a right to know what happened and what are doing to correct this situation.

We routinely monitor for the presence of drinking water contaminants. Testing results from August 2017 show that our system exceeds the standard or maximum contaminant level (MCL), for Total Trihalomethanes (TTHMs). The standard for TTHMs is 0.080 milligrams per liter (mg/L). The level of TTHM for the Second quarter of 2016 exceeded MCL Level.

Samples location

01-A 11778 Comanche Sample was .092 mg/L

02-A 28320 County 11th Street. Sample was 0.10 mg/L

What should I do?

There is nothing you need to do unless you have a severely compromised immune system, have an infant, or are elderly. These people may be at increased risk and should seek advice about drinking water from their health care providers.

You do not need to boil your water or take other corrective actions. If a situation arises where the water is no longer safe to drink, you will be notified within 24 hours. We will announce any emergencies on CBS13 or 88.9 FM (KAWC).

What does this mean?

This is not an emergency. If it had been an emergency, you would have been notified within 24 hours.

People who drink water containing TTHMs in excess of the MCL over many years may experience problems with their liver, kidneys, or central nervous system, and may have an increased risk of getting cancer.

What is being done?

TTHMs are four volatile organic chemicals which form when disinfectants react with natural organic matter in the water. The Town has taken steps to lower the TTHMs in your drinking water, such as reducing the water age in the storage tanks and distribution system by installing mixers in the storage tanks and automatic flush units in the distribution system. The Town has also taken steps to lower the TTHMs in the drinking water through construction modifications at the water treatment plant such as installing a Chlorine Dioxide Pre-treatment system, installed a new chlorination feed system, modifications to the existing filters, and various other upgrades to better control the TTHMs in the system. We anticipate resolving the problem.

For more information, please contact Brandon Howard at 928-785-3348 or 28634 Oakland Avenue, P.O. Box 67, Wellton, AZ 85356.

This notice is being sent to you by the Town of Wellton Water Department.

State Water System ID#: AZ0414022

Date distributed: 062018